



**Safety Through Vision**

**SVSMDVR8H.1080**

## 8 Channel 1080 H.265 MDVR

**1080, 960p, 720p, Analog PAL/NTSC (Auto selectable)**

The SVSMDVR8H.1080 MDVR H.265 Hybrid digital video/audio recorder is designed for use within all kinds of vehicles as a surveillance system. This unit is a combination of HDD Recorder, video Multiplexers and a web server. To achieve the highest inter-connectivity and inter-operability this digital MDVR is based on industry leading front end to back end surveillance infrastructure. With state of the art system architecture, powerful compression/decompression engine without sacrificing the increased demands of functionality, performance, reliability and availability in the MDVR industry. The SVSMDVR8H.1080 is a powerful and efficient recorder allowing for faster transmission of data because of the H.265 compression meaning all data transfers are roughly 50% faster and more efficient than previous compression engines...therefore reducing bandwidth demands for data viewing and transfers.

### What is H.265?

H.265 is a highly efficient video coding technology that is able to double the efficiency of H.264, which results in H.265 halving the bitrate used by H.264 - thus reducing bandwidth and storage requirements. So what does this mean? H.265 significantly reduces the storage and bandwidth requirements which benefits data transfer for viewing, playback, storage and transmission. So you can store more data - transfer data far faster and more efficiently - live stream and download faster - backups and transfer faster and use less bandwidth or need far less bandwidth than H.264. So stuff moves faster and consumes less of the available network/transfer medium...so its good.

Resolution	Examples of compression comparison estimates	
	H.264	H.265
480p	1.5mbps	0.75mbps
720p - AHD	3mbps	1.5mbps
1080p - AHD	6mbps	3mbps
4K	32mbps	15mbps

<https://www.boxcast.com/blog/hec-h.265-vs.-h.264-avc-whats-the-difference>

### Bandwidth and Storage Comparison

MPEG

H.264

H.265

<https://learnccv.com/h-265-ip-cameras-benefits-and-drawbacks/>

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The SVSMDVR8H.1080 Recorder is the latest and highest Specification Recorder currently available. Utilising the latest H.265 compression means data is compressed roughly 50% greater than the conventional and older H.264. Recorder capacity up to a 6tb HDD (or SSD) with WiFi and 3G/4G ready (USB) and SD Card plus USB storage availability - comes with all software to use as Server and PC playback or Live login for monitoring. System will auto sense each camera and adjust effective camera image from Analogue to full 1080HD. With built in GPS, motion detection along with many other inputs and alarm functions allow for the effective capture of events as required and FTP, Email of events from snapshot to video for instant uploading to your server or management as required.

### Specifications

Operating System	Linux
Video Compression	H.265
Camera Input/Output	8Ch in / 2 Out
Display	1/4/7/9
Recording	240/200fps @ 1080p-Lite/720p/960H
Video Out	Composite RCA VGA, NTSC, PAL
Memory	SATA HDD x 1Max 6TB with SD Card and USB
Alarm	4 x Input - 1 x NO/NC Output
Alarm - Sensors	Vid Loss, Motion, Speed, Acceleration, Brake, G-Sensor
4G Network	USB
Ethernet	RJ45 10/100
Protocol	TCP/IP, HTTP,PPPoE,DDNS,FTP,TSP,NTP,R TSP,UPnP,P2P
Voltage	9-35vDC
GPS	Built in / Time calibration function
Dimension/Weight	178(w) x 210(d) x 50(h)mm 2.2Kg

### Features

- 1080 HD x 8 Camera MDVR
- Two way audio capabilities
- iOS, Android, MS Remote software
- Supports UPnP, P2P, RTSP and QR Code
- Smart Search and playback
- Digital watermark

